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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dominic P. Behan, Karin Lehmann-Bruinsma, Derek T. Chalmers, Ruoping Chen, Huong T. Dang, Martin Gore, Chen W. Liaw, I-Lin Lin, Kevin Lowitz, and Carol White

Serial No.: **Not yet assigned**

Group Art Unit: **Not yet assigned**

Filed: **Herewith**

Examiner: **Not yet assigned**

**For: NON-ENDOGENOUS, CONSTITUTIVELY ACTIVATED HUMAN G
PROTEIN-COUPLED RECEPTORS**

I, Gwilym J. O. Attwell, Registration No. 45,449 certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

On June 7, 2001

Gwilym J. O. Attwell
Registration No: 45,449

Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

PRELIMINARY AMENDMENT

Preliminary to examination of this application, please amend this application as set forth below.

In the Specification:

Please delete the Sequence Listing on file and renumber following pages accordingly.

In the Claims:

Please add new claims 81-100 as follows:

- 81. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hRUP4(V272K).
- 82. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 81.
- 83. A Plasmid comprising a Vector and the cDNA of claim 81.
- 84. A Host Cell comprising the Plasmid of claim 83.
- 85. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hCHN9(G223K).
- 86. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 85.
- 87. A Plasmid comprising a Vector and the cDNA of claim 85.
- 88. A Host Cell comprising the Plasmid of claim 87.
- 89. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hCHN10(L231K).
- 90. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 89.

91. A Plasmid comprising a Vector and the cDNA of claim 89.
92. A Host Cell comprising the Plasmid of claim 91.
93. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hGPR38(V297K).
94. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 93.
95. A Plasmid comprising a Vector and the cDNA of claim 93.
96. A Host Cell comprising the Plasmid of claim 95.
97. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hTDAG8(I225K).
98. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 97.
99. A Plasmid comprising a Vector and the cDNA of claim 97.
100. Host Cell comprising the Plasmid of claim 99. --

In the Sequence Listing:

Please insert pages 1-87 comprising the Sequence Listing.

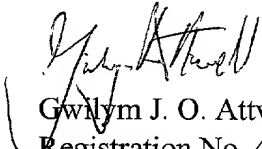
REMARKS

New claims 81-100 have been added. Support for new claims 81-100 can be found through the application as originally filed. No new matter has been added.

Applicants attach hereto a paper copy of the Sequence Listing presently on file in parent application 09/416,760. Applicants respectfully request that the Patent Office use the latest filed Computer Readable Form of the Sequence Listing filed in Ser. No. 09/416,760 as the Computer Readable Form of the Sequence Listing for the present application, making the necessary changes in application number and filing date. No new matter has been added.

Applicants believe all of the claims presently before the Examiner patentably define the invention over the prior art and are otherwise in condition for ready allowance. Applicants respectfully request early notification of the same.

Respectfully submitted,


Gwilym J. O. Attwell
Registration No. 45,449

Date: *June 7, 2001*

WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
(215) 568-3100

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Please add new claims 81-100 as follows:

- 81. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hRUP4(V272K).
82. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 81.
83. A Plasmid comprising a Vector and the cDNA of claim 81.
84. A Host Cell comprising the Plasmid of claim 83.
85. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hCHN9(G223K).
86. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 85.
87. A Plasmid comprising a Vector and the cDNA of claim 85.
88. A Host Cell comprising the Plasmid of claim 87.
89. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hCHN10(L231K).
90. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 89.

91. A Plasmid comprising a Vector and the cDNA of claim 89.
92. A Host Cell comprising the Plasmid of claim 91.
93. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hGPR38(V297K).
94. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 93.
95. A Plasmid comprising a Vector and the cDNA of claim 93.
96. A Host Cell comprising the Plasmid of claim 95.
97. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hTDAG8(I225K).
98. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 97.
99. A Plasmid comprising a Vector and the cDNA of claim 97.
100. Host Cell comprising the Plasmid of claim 99. --